

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091217\
 Data File : BF098459.D
 Acq On : 12 Sep 2017 19:23
 Operator : SJ/JU
 Sample : I5158-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Quant Time: Sep 13 01:52:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	199052	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	800195	20.00	ng	0.00
38) Acenaphthene-d10	9.69	164	319971	20.00	ng	-0.01
63) Phenanthrene-d10	11.17	188	498472	20.00	ng	-0.01
75) Chrysene-d12	13.80	240	374468	20.00	ng	-0.01
86) Perylene-d12	15.20	264	283543	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	295708	21.96	ng	-0.01
7) Phenol-d6	6.30	99	368130	21.54	ng	-0.02
23) Nitrobenzene-d5	7.23	82	204044	14.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	41658	19.51	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	326172	17.28	ng	-0.02
78) Terphenyl-d14	12.76	244	197885	11.41	ng	-0.01

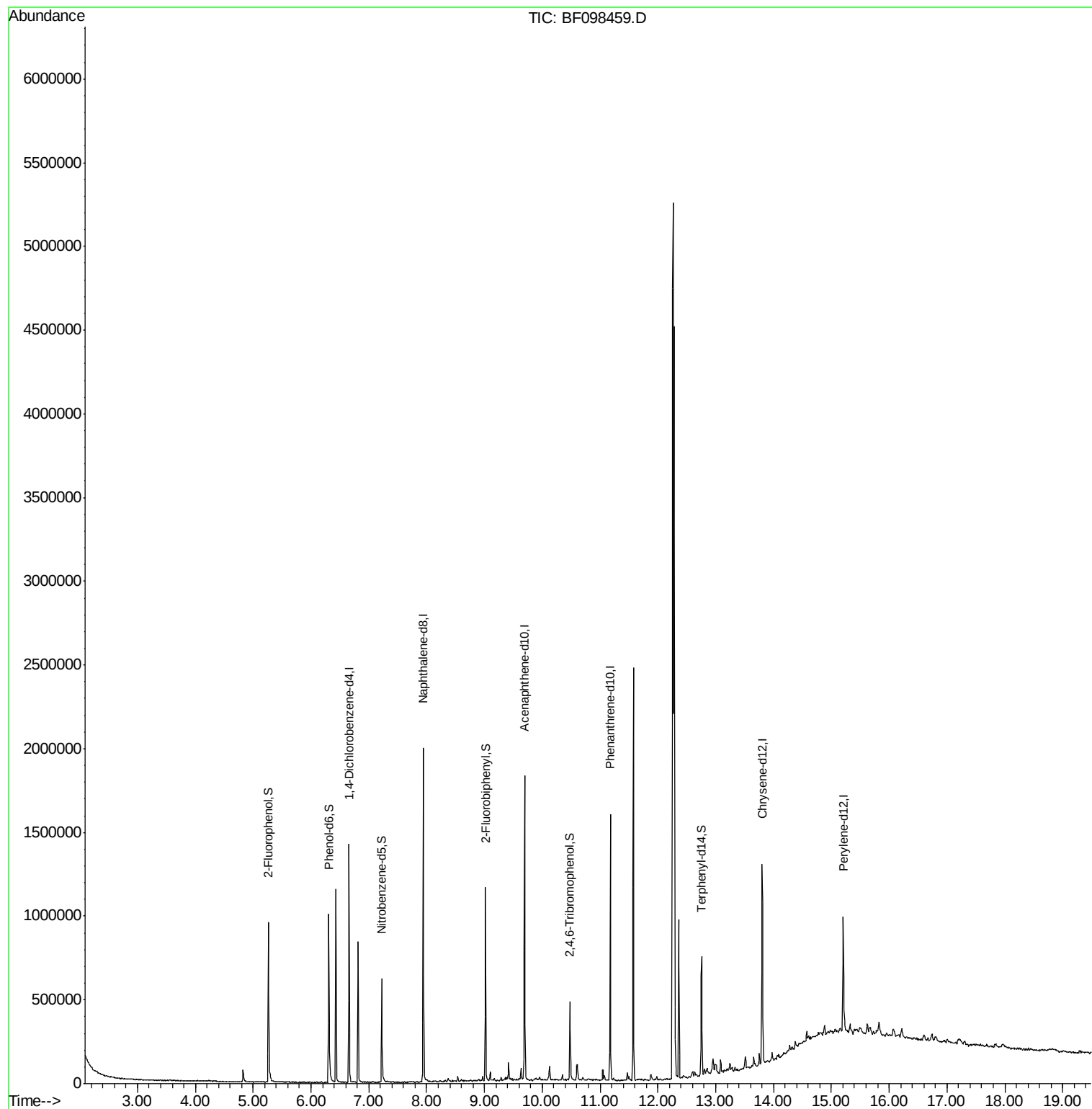
Target Compounds Qvalue

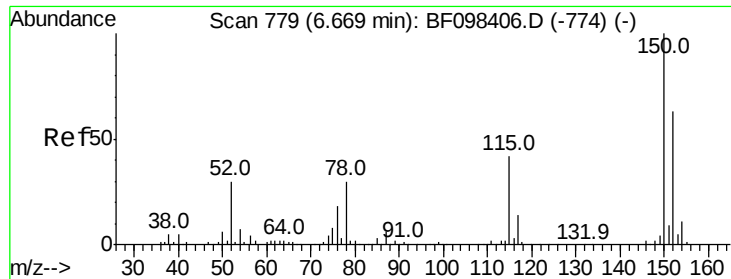
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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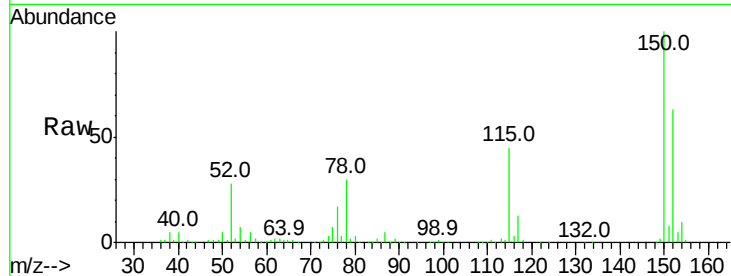


#1

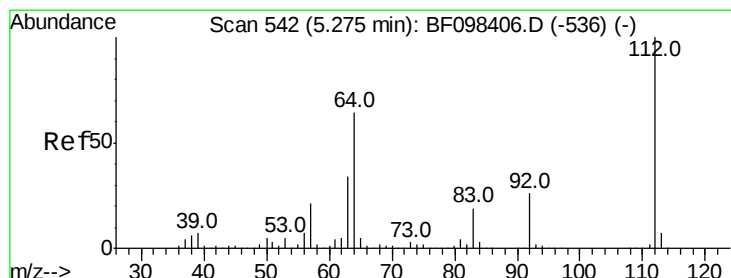
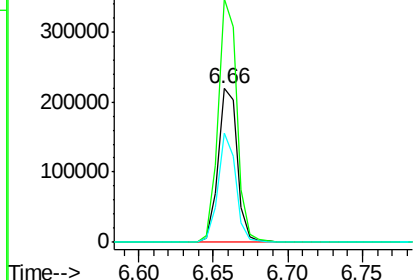
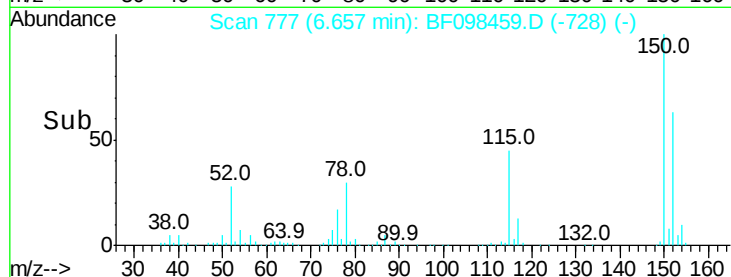
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Tot Ion:152 Resp: 199052
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.2 189.2
 115 71.0 52.2 78.2



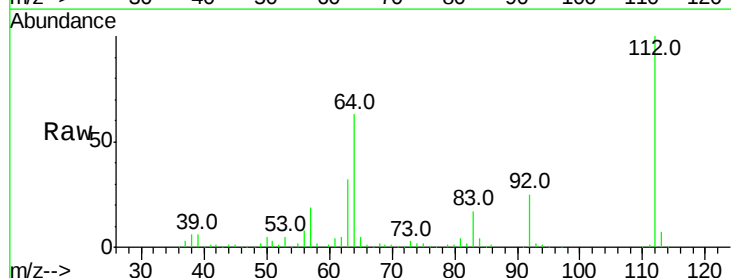
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



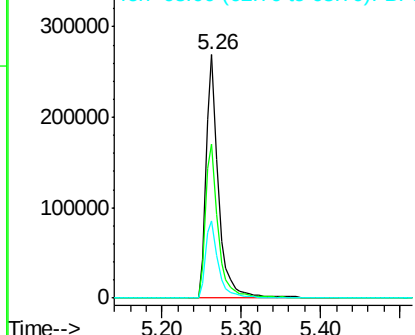
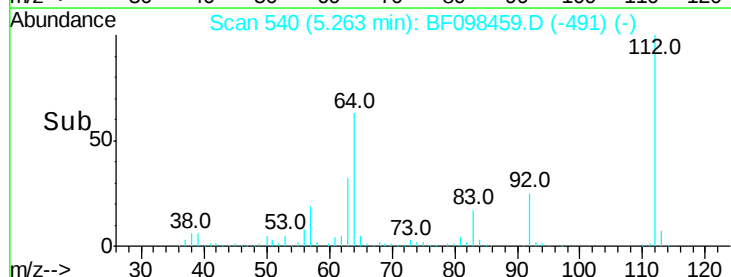
#5

2-Fluorophenol
 Concen: 21.965 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Tgt Ion:112 Resp: 295708
 Ion Ratio Lower Upper
 112 100
 64 63.4 46.0 69.0
 63 31.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.536 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Instrument :

BNA_F

ClientSampleId :

BU-02-090717

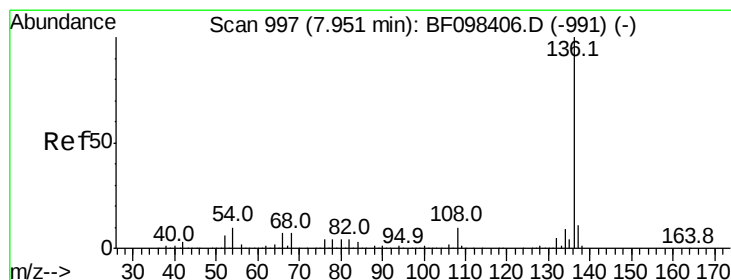
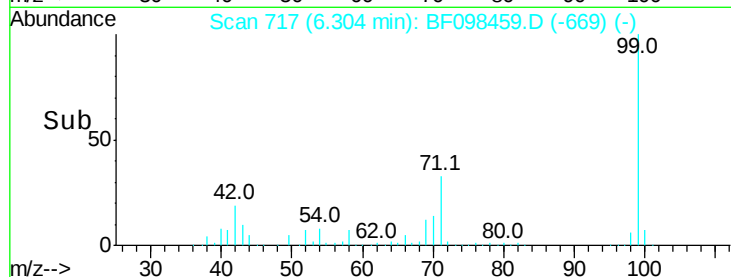
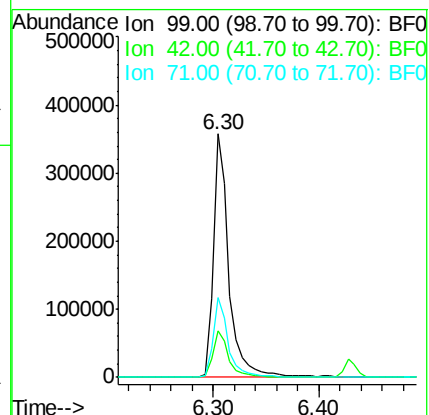
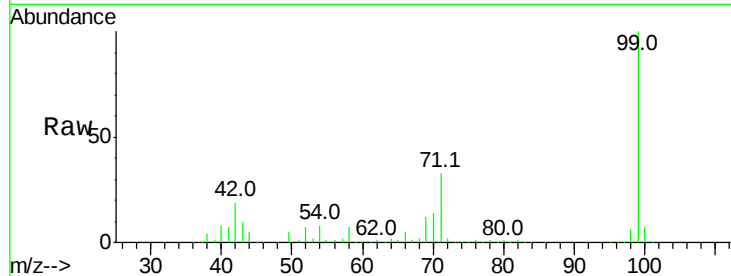
Tot Ion: 99 Resp: 368130

Ion Ratio Lower Upper

99 100

42 19.0 13.5 20.3

71 32.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Tgt Ion: 136 Resp: 800195

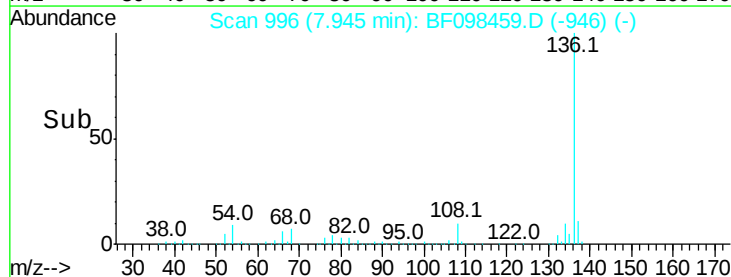
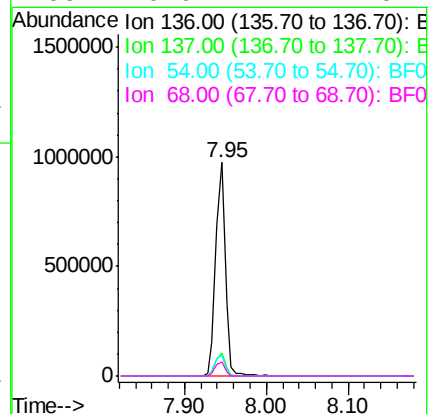
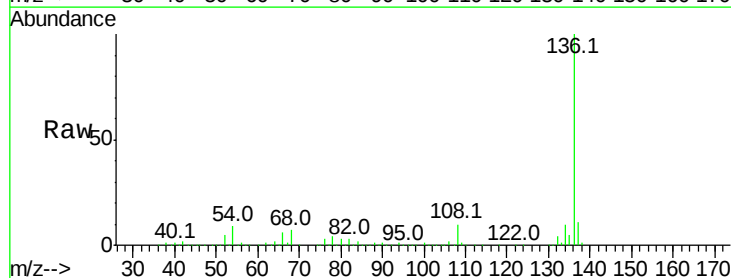
Ion Ratio Lower Upper

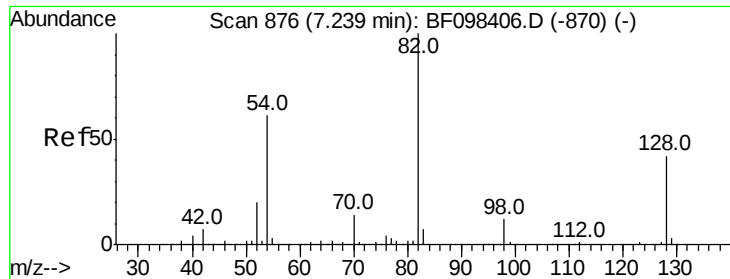
136 100

137 11.1 8.5 12.7

54 9.4 4.9 7.3#

68 6.9 4.1 6.1#

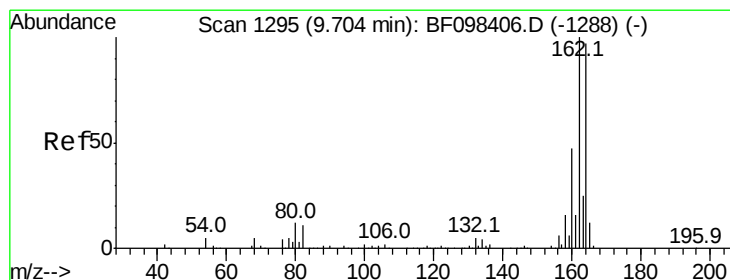
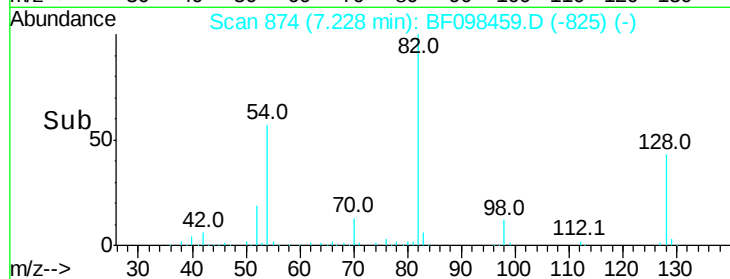
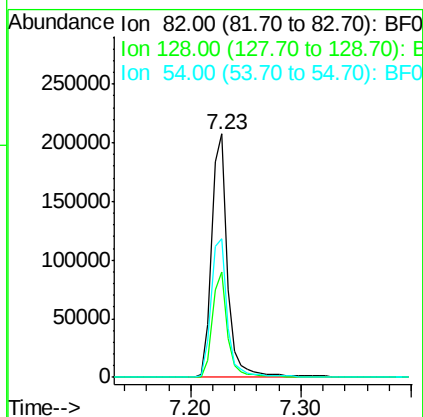
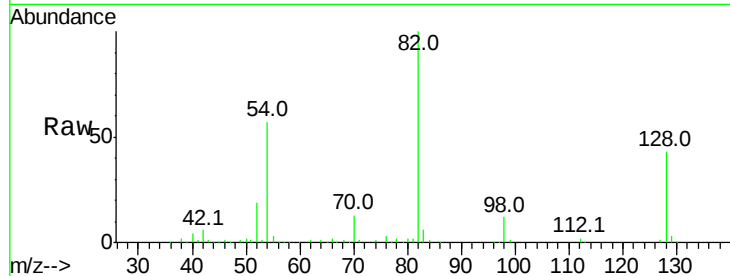




#23
 Nitrobenzene-d5
 Concen: 14.216 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

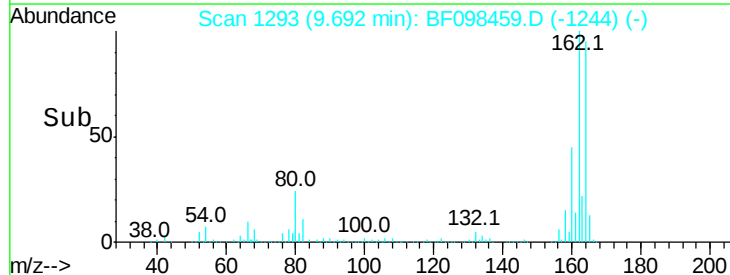
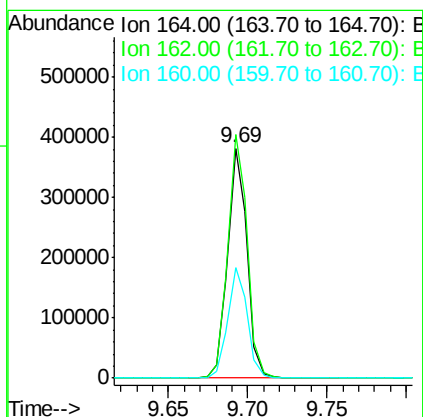
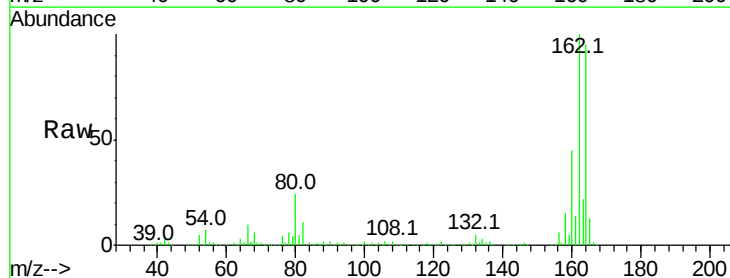
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

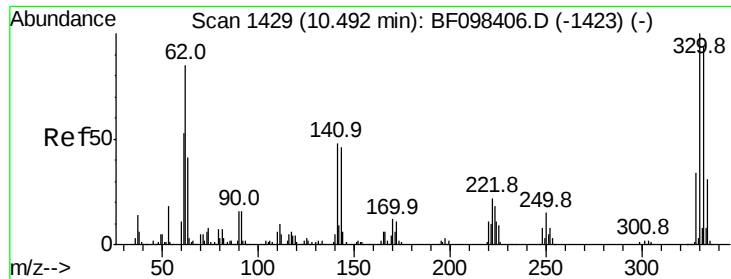
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.0	51.0
54	56.9	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.8	82.6	123.8
160	47.8	36.2	54.2

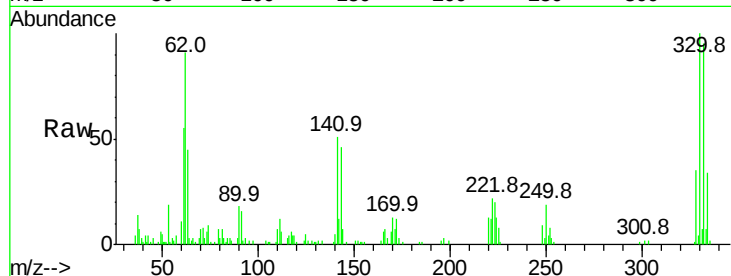




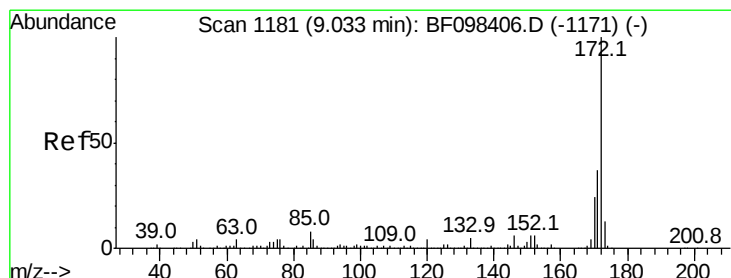
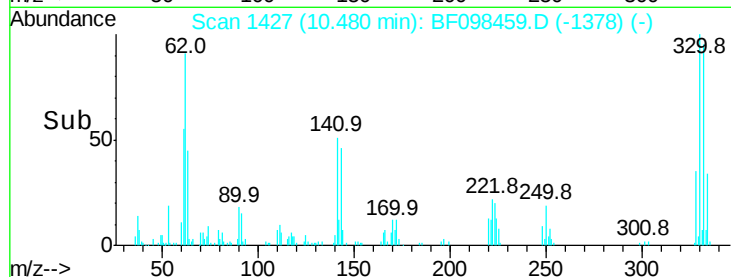
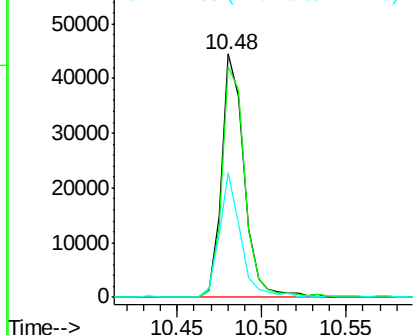
#41
 2,4,6-Tribromophenol
 Concen: 19.507 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090717

Tot Ion:330 Resp: 41658
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 48.6 31.4 47.2#

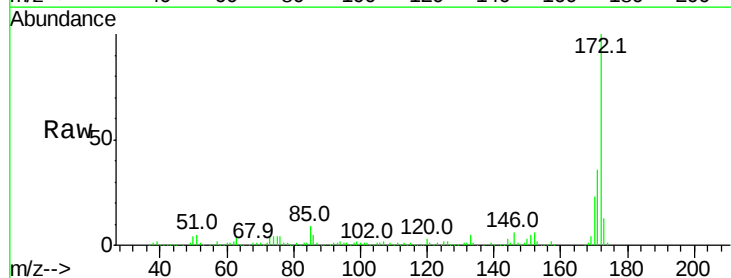


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

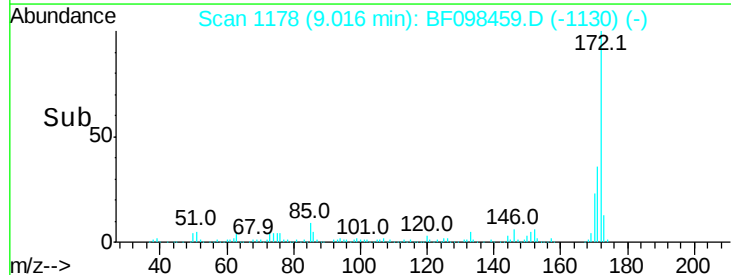
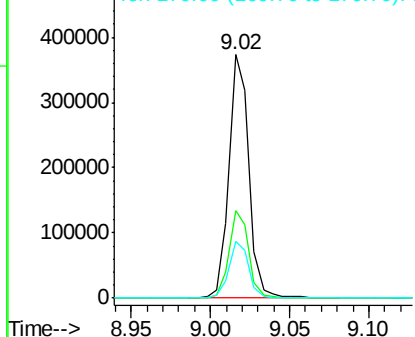


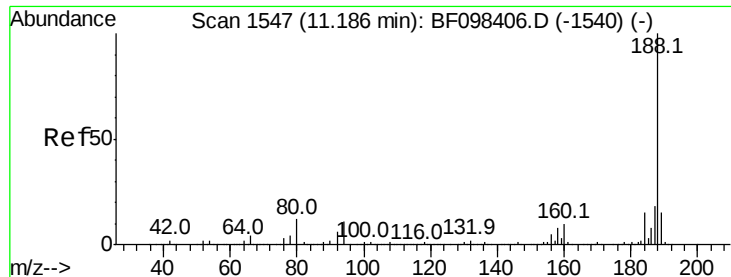
#44
 2-Fluorobiphenyl
 Concen: 17.278 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098459.D
 Acq: 12 Sep 2017 19:23

Tgt Ion:172 Resp: 326172
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Instrument :

BNA_F

ClientSampleId :

BU-02-090717

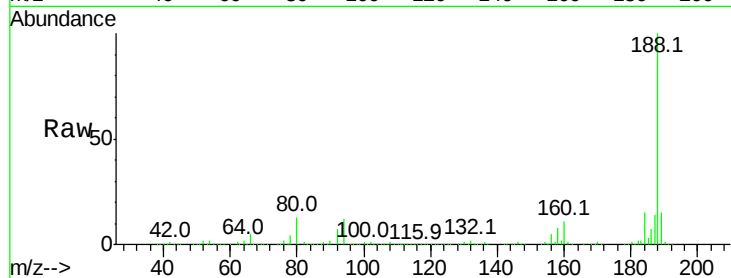
Tot Ion:188 Resp: 498472

Ion Ratio Lower Upper

188 100

94 11.6 9.4 14.2

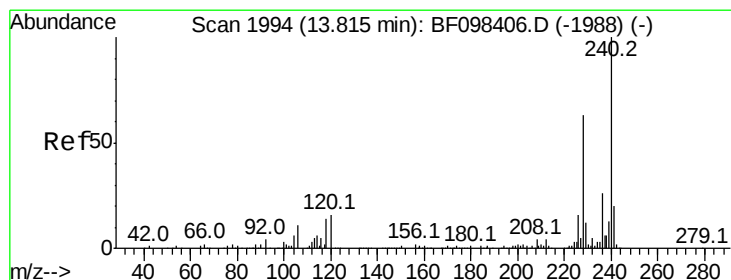
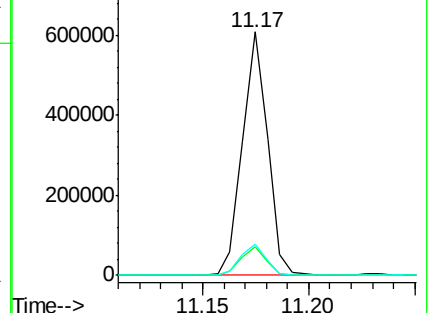
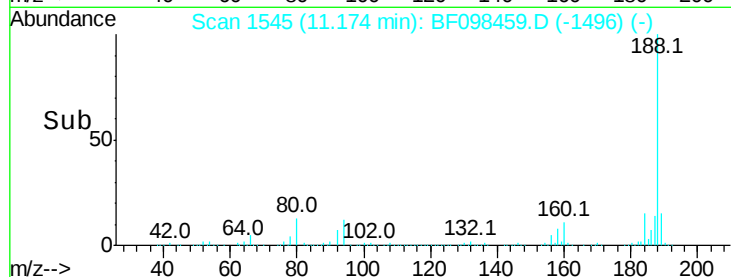
80 12.9 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

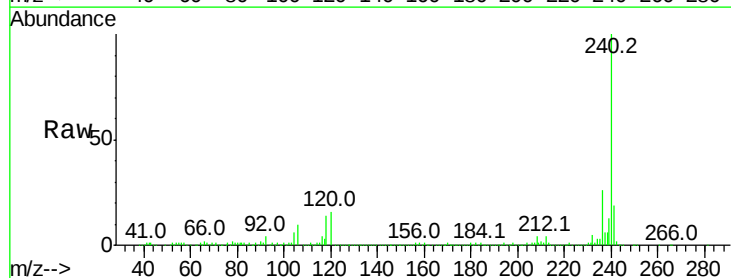
Tgt Ion:240 Resp: 374468

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

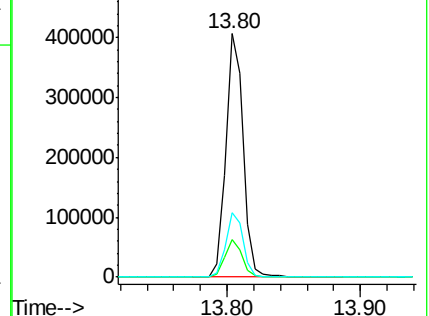
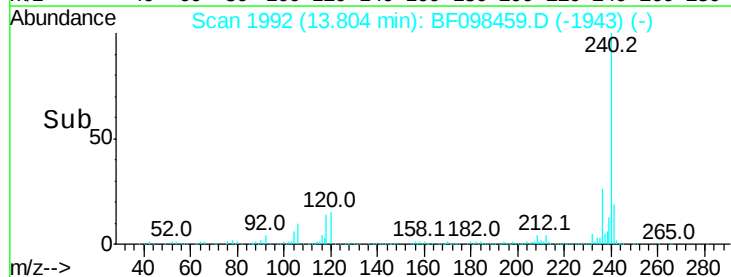
236 26.3 20.5 30.7

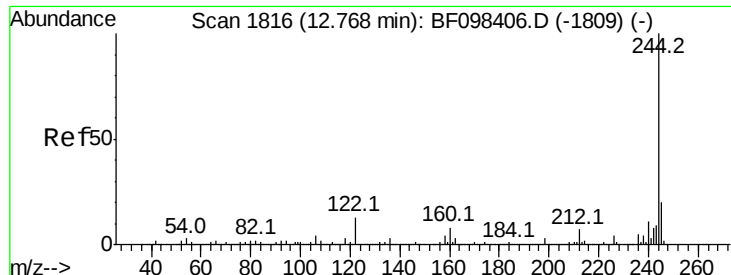


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 11.406 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

Instrument :

BNA_F

ClientSampleId :

BU-02-090717

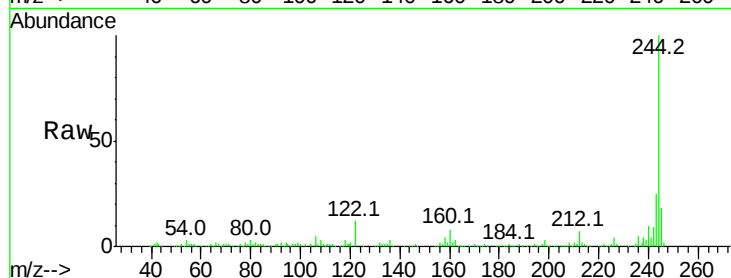
Tot Ion:244 Resp: 197885

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

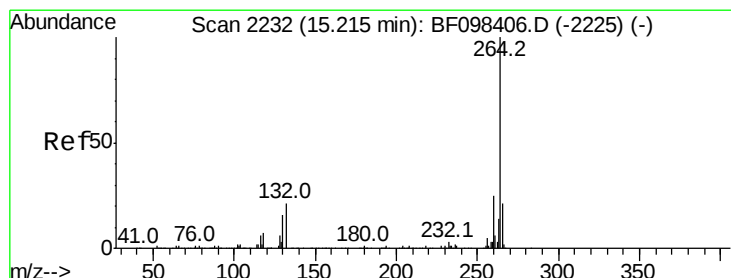
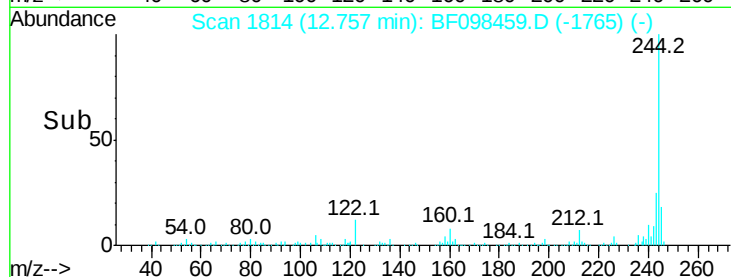
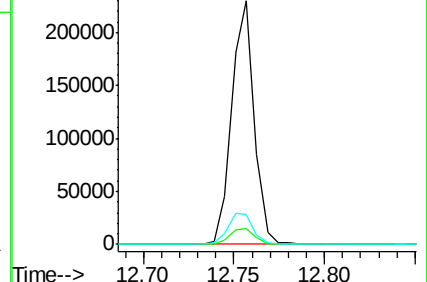
122 12.5 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF098459.D

Acq: 12 Sep 2017 19:23

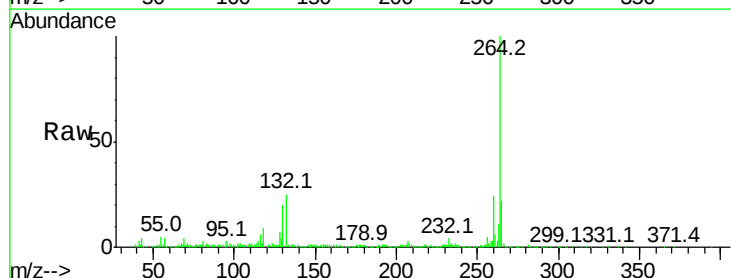
Tgt Ion:264 Resp: 283543

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.9 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

